

Converting Colors

$Y_{xy}(47.1739, 0.3306, 0.3599)$

Have a look what the booklet for
Yxy(47.1739, 0.3306, 0.3599)
contains.

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Color

Yxy(47.0445, 0.3311, 0.3594)

Conversions

Conversions Part 1

Format	Color
Hex	B8B8A1
RGB	184, 184, 161
RGB Percent	72%, 72%, 63%
CMY	0.2784, 0.2784, 0.3686
CMYK	0.00, 0.00, 0.13, 0.28
HSL	60°, 14%, 68%
HSV	60°, 13%, 72%
XYZ	43.3401, 47.0445, 40.5127
YIQ	181.3780, 7.3830, -7.1530

Conversions

Conversions Part 2

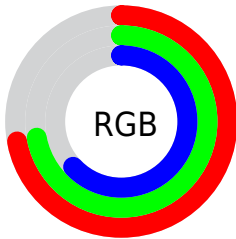
Format	Color
RYB	161, 184, 161
Decimal	12105889
CIELab	74.22, -4.03, 11.70
CIELCh	74, 12.373, 108.987
Yxy	47.0445, 0.3311, 0.3594
Android (android.graphics.Color)	4290295969 (0xFFB8B8A1)
YUV	181.3780, -10.0464, 2.2995
Hunter-Lab	68.5890, -7.2399, 12.9921

Details

The Yxy color $47.0445, 0.3311, 0.3594$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $36.5273, 0.2932, 0.2967$, and the grayscale version is $46.4769, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.8033, 0.3276, 0.3536$, and $22.1620, 0.3368, 0.3689$ is the 20% darker color. If you saturate the color by 10%, you get $46.4438, 0.3461, 0.3843$, and if you desaturate by 10%, it is $47.7449, 0.3163, 0.3350$.

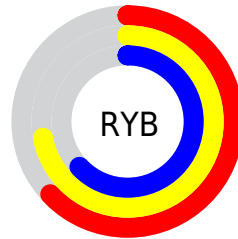
Distribution



Red (72%)

Green (72%)

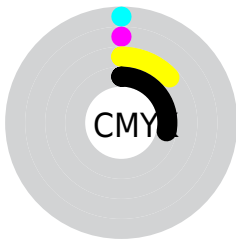
Blue (63%)



Red (63%)

Yellow (72%)

Blue (63%)

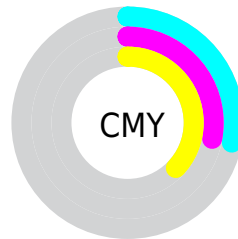


Cyan (0%)

Magenta (0%)

Yellow (13%)

Black (28%)



Cyan (28%)


Magenta (28%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0445, 0.3311, 0.3594 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 47.0445, 0.3311, 0.3594 by changing the saturation by 10% instead.


 47.0445, 0.3311,
0.3594


 47.0445, 0.3311,
0.3594


374.9921, 0.3220,
0.3441

 33.0708, 0.3333,
0.3633


 85.7800, 0.3278,
0.3538

 22.1807, 0.3362,
0.3682


 111.3107, 0.3266,
0.3517

 13.9897, 0.3400,
0.3749


141.4625, 0.3255,
0.3500

 8.1135, 0.3452,
0.3842

176.6198, 0.3246,
0.3484

 4.1677, 0.3527,
0.3982

217.1670, 0.3238,
0.3471

 1.7678, 0.3647,
0.4216

263.4886, 0.3231,

 0.4670, 0.4253,

0.3460

0.5747

315.9688, 0.3225,
0.3450

0.0000, 0.0000,
0.0000

47.0445, 0.3311,
0.3594

47.0445, 0.3311,
0.3594

46.4438, 0.3461,
0.3843

47.7449, 0.3163,
0.3350

45.9324, 0.3610,
0.4088

48.5426, 0.3022,
0.3115

45.5080, 0.3751,
0.4322

49.4435, 0.2888,
0.2894

45.1656, 0.3880,
0.4535

50.4510, 0.2764,
0.2689

44.9000, 0.3990,
0.4718

51.5684, 0.2650,
0.2501

■ 44.7052, 0.4078,
0.4863

■ 51.6971, 0.2638,
0.2481

■ 44.5745, 0.4140,
0.4966

■ 51.6978, 0.2638,
0.2481

■ 44.4997, 0.4177,
0.5027

■ 51.6984, 0.2638,
0.2481

■ 44.4680, 0.4193,
0.5053

■ 51.6990, 0.2638,
0.2481

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47.0445, 0.3431, 0.3545



47.0445, 0.3311, 0.3594



47.0445, 0.3144, 0.3558

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.0445, 0.3311, 0.3594



47.0445, 0.2798, 0.3136



47.0445, 0.3276, 0.3143

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



47.0445, 0.3311, 0.3594



36.5273, 0.2932, 0.2967

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



47.0445, 0.3103, 0.3040



47.0445, 0.3311, 0.3594



47.0445, 0.2830, 0.3033

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.0445, 0.3311, 0.3594



47.0445, 0.2850, 0.3286



47.0445, 0.2941, 0.3000



47.0445, 0.3411, 0.3284

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.0445, 0.3311, 0.3594



47.0445, 0.3029, 0.3488



47.0445, 0.2941, 0.3000



47.0445, 0.3220, 0.3103

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



47.0466, 0.3311, 0.3594



86.3355, 0.3186, 0.3387



38.2531, 0.3350, 0.3291



18.5908, 0.3197, 0.3406



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.0466, 0.3311, 0.3594



84.9622, 0.3352, 0.3662



45.6838, 0.3210, 0.3604



10.5033, 0.3264, 0.3516



30.6451, 0.4193, 0.5053



1.0804, 0.4193, 0.5053

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



36.5273, 0.2932, 0.2967



62.1408, 0.2884, 0.2889



37.7774, 0.3035, 0.2977



8.7196, 0.2984, 0.3054



2.3854, 0.1500, 0.0600



0.0841, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 47.0445, 0.3311, 0.3594 looks on a white background.

Color Contrast Check

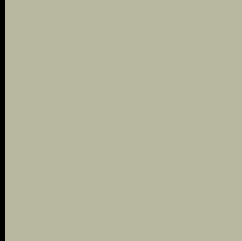
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 47.0445, 0.3311, 0.3594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

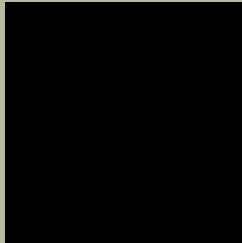
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

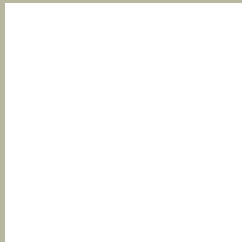
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.0445, 0.3311, 0.3594

Background



This preview shows how black text looks on a background with the Yxy color 47.0445, 0.3311, 0.3594.



This preview shows how white text looks on a background with the Yxy color 47.0445, 0.3311, 0.3594.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

47.0445, 0.3311, 0.3594

Protanopia

47.0703, 0.3385, 0.3576

Deuteranopia

46.9604, 0.3519, 0.3452



Tritanopia

46.9093, 0.3101, 0.3113

Trichromacy



Original Color

47.0445, 0.3311, 0.3594

Protanomaly

47.0964, 0.3356, 0.3591

Deuteranomaly

46.9909, 0.3447, 0.3507

Tritanomaly

46.9487, 0.3179, 0.3290

Monochromacy



Original Color

47.0445, 0.3311, 0.3594

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.4570, 0.3191, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0445, 0.3311, 0.3594 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(184, 184, 161)` looks like.

```
.text, #text, p{  
    color:rgb(184, 184, 161)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(184, 184, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 184, 161) }
```

Border

The CSS property to change the border of an element to Yxy 47.0445, 0.3311, 0.3594 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 184, 161) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(184, 184, 161) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(184, 184, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 184, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 184, 161);  
box-shadow:4px 4px 4px 4px rgb(184, 184,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0445, 0.3311, 0.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 184, 161) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(184,  
184, 161) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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